[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 792 16/01/94

SUNDAY BROADCAST SCHEDULES.

3.545 mhz	0930 utc	VK2BQS (Jim)
7.045 mhz -3	0030 utc	VK2CTD (COL)
14.070 mhz (amtor/fec)	0030 utc	VK2DPM (ALAN)
14.091 mhz	0030 utc	VK2BQS (JIM)
146.675 mhz	0030/0930 utc	VK2JPA (PAT)
144.850 mhz (ax25 bbs)		VK2JPA AT VK2RWI
146.675 mhz (rtty mmbbs/repeater)		VK2RTY

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

Thanks to all the helpers
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ANARTS says thanks to all the helpers who came to fight the fires and to man the communications where needed. Had it not been for all the assistance from other states, we would have had a much harder time of it. When the usual communications could not cope, about 140 WICEN members and other amateur radio operators stepped in and held them together, often risking their lives as the fires raced through at a rate beyond expectation. They were even coordinating helicopter operations at some places, I hear.

Our heartfelt thanks to you all.

Guidelines for the preparation of programs for transmission by Amateur Radio Teletype : By FRANK VK2FJL.

Due to the diversity of RTTY equipment in common use among Radio Amateurs, it is desirable that a few simple guidelines be observed in order to ensure that transmitted data is received as it is intended by the variety of receiving equipment in use.

For instance - it is known that at least four different keyboard layouts using different keys for the upper case or upshift characters are in use by Amateur RTTY stations. Certain characters are therefore incompatible and their use should be avoided. Indeed characters used on some machines are not used at all on others. Some examples are the exclamation mark, the commercial at, the ampersand, semi-colon and quotes.

Also, some RTTY'ers use `hard copy' teleprinter machines of various types, the most common being teletype (both CCITT and USA keyboard versions) Siemens, Creed and Olivetti. Others use `Glass' or computers which run a variety of RTTY programs, the main difference here being that computers reset almost instantly to the beginning of a new line, whilst the mechanical machines require longer time (usually 2-3 characters) for the carriage to fly back to the other end, recover, and prepare to `do it again'. These machines require a separate (CR) and (LF) to be received at the end of each line, whereas the computer only needs the (CR). It does not see the

(LF) and automatically inserts one for itself everytime it sees a (CR). Line lengths also vary for different equipment : e.g 24, 32, 64, 69, 72, 76, and 80 or even more characters per line.

These mechanical differences, as well as the need for uniformity of layout, e.g. in broadcast production, necessitate the publication of a standard or protocol for the preparation of RTTY material.

Uniformity will also result in the perpetuation of a higher standard of transmitted RTTY, of which the individual amateur can be justly proud.

This `punch tape protocol' is recommended for use by all who prepare RTTY pictures, stories, programs, text or broadcast items for re-transmission, or for those who just enjoy having a higher standard associated with their callsign.

(1) END-OF-LINE PROTOCOL.

At the end of each line type (CR) and (LF).
Always type (CR) before (LF) - never the other way around.
For multiple line feeds type (CR)(LF)(CR)(LF)(CR)(LF), etc.
following the last (LF) add (LTRS) or (FIGS) as applicable.
For single line feed two (FIGS) or (LTRS) are recommended,
this ensures adequate non-printing characters following the
first (CR) for mechanical machines.

more next week

IPS weekly report
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7 January - 13 January 1994

Issue no.: 02

Date of issue: 14 January 1994

Date	07	08	09	10	11	12	13
10cm	126	123	117	110	101	98	95
A	05	05	02	03	16	20	(20 estimated)
T	68	89	53	77	72	30	59

Summary of activity

Solar activity was very low 8th, and 10th - 13th January, low on 9th, and moderate on 7th. There was an M1 flare on 7th.

The geomagnetic field at Learmonth (WA) was quiet 7th - 10th, active on 11th, unsettled to active on 12th, and mostly quiet on 13th January apart from active to minor storm levels 1200 - 1800 UT.

Ionospheric F2 critical frequencies at Sydney were mostly enhanced 10 to 40 per cent except for a short 15 per cent depressed period on 11th, and near normal on 12th and most of 13th.

Forecast for the next week (14 - 20 January)

Solar : Low to moderate.

Geomagnetic: Quiet to unsettled.

Ionospheric: Mostly 10 - 20 per cent above monthly predicted values.

Courtesy of IPS Radio and Space Services

VK2SG RTTY DX NOTES FOR WEEKENDING JAN. 7, 1994 (BID RTDX0107)

A Happy New Year to you all, and may the good DXcome to your shack with a 599 signal. May all the good wishes that you have sent to your friends be returned to you manyfold. We all hope for a Peaceful and Happy Year. Surely this week has been a good start for 1994.

Our thanks this week go to: ZS5S, W2JGR WB2CJL, BV5AF, SP5AA, I5ICY, OH2BBF, DJ3IW and the Central Eu Dx-Cluster node DB0SPC, and NJ0M node of the Twin Cities Dx Packet Cluster.

BANDPASS:

FRIDAY 31

0109-14083 HL9DG
1240-21087 UN5PR
1305-14089 RA2FB
1312-21089 KG4HG
1400-14091 LX1DA
1403-21083 4O9S Qsl YU7KMN
1510-21086 CU1AC
1534-21090 S57JZ
1552-14091 YL2KF
1600-14084 OM3TZW
1626-14088 4X6UO
1652-14082 VQ9WL
1912-21083 CH2STN Jesus Is.
2013-21089 J88BS
2215-21084 C6A/AA5AU
2250-14087 9Y4/I5JHW
2348-14083 XF4CI Revilla G.

SATURDAY 1 (HAPPY NEW YEAR)

0024-14080 XF4CI
0031-14083 V31JU
0804-14083 S92ZM
0849-21081 OH0MFP
0920-12084 4X85TA
1303-14088 S21A
1425-21090 J88BS
1523-28085 V50CM Qsl BOX 1500 Tsumeb Namibia
1601-21082 C6A/AA5AU
1645-28087 PJ0/N9FTC
1652-14082 5R8DG
1722-21085 TI2YO
1853-14983 HI8LEZ
2133--3588 UN7RX
2246-14091 9Y4/I5JHW Qsl I5JHW
2317-14086 VQ9WL
2337-14083 HL5AWS

SUNDAY 2

0028-14090 KG4CB
0905-21088 A45ZX
1134-14090 ER5OK
1153-14085 EY8CQ
1250-21086 UX0KN
1254-14087 UT2UZ
1320-21089 FG5FI
1323-28082 V50CM
1347-21088 PJ0/N9FTC
1352-21091 KG4HG
1356-14090 LI3OWG FER PFX (Olympic World Games)
1420-14088 SV5AZP
1445-21073 C91BN ARQ
1534-21086 CU1AC
1557-21086 HJ6SQQ
1610-28089 PJ0/N9FTC
1617-21085 C6A/AA5AU
1713-14085 J28JJ Qsl BOX 1076 Djibouti

MONDAY 3

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0152--3585 C6A/AA5AU              0201-10122 C6A/AA5AU
0915-14088 UH8AAB                 1157-14082 EY8CQ
1316-28088 OH0MFP                 1355-21090 ET3YU
1407-14087 ER1PE Rev.             1420-14085 LI3OWG
1430-14081 4U1ITU Qsl DK7UY       1431-21085 4X/OK1FGC

TUESDAY 4

0051-14084 XF4CI                  0140--7082 C6A/AA5AU
0752-14088 HP2CWB                 0846-14083 UT5RP
1114-21089 4U1ITU                 1119-21086 CU1AC
1120-21090 UH8AAB                 1145-14084 EY8CQ
1239-21086 PJ0/N9FTC              1418-14086 LI3OWG
1450-14084 S53MJ                  1500-14087 CN8LU
1628-14084 FR5GS                  1631-21079 XF4CI
1636-18105 4U1ITU                 1907-14085 7P8SR
2243-14088 C6A/AA5AU

WEDNESDAY 5

1104-14085 4Z85TA                 1256-21083 4X/OK1FGC
1313-14088 VP5/WA0VQR             1315-14089 US5TCP
1341-14086 EA9DX                  1602--7043 4U1ITU

THURSDAY 6

0606-14084 4Z85TA                 0726-14087 LZ1DB
1114-14084 YL1ZE                  1332-14088 5B4VX
1416-21083 4U1ITU                 1312-21087 VP5/WA0VQR
1422-14088 9H1EL                  1450-14089 S53MJ
1606-14084 J28JJ

NOTES OF INTEREST:
Regarding  the RTTY Roundup contest Eric,  OH2BBF/OH0BBF fired
a  big way 1800z sharp on Jan.  1st.  After an  hour and   two
QSOs switched to CW. He realized that was something wrong with
the  contest.   The OH league magazine says "first weekend  in
Jan",  CQ Magazine contest calendar says 1-2 Jan. 1994...He is
sorry could not make another trip for the contest and  informs
that  he is looking  forward to be  there again  in the  major
RTTY contest. (what a pity).

PRATAS IS.  The first trip into this Island now is over.  BV9P
has  been active only on Jan.  5th from 0300z to 0700z on  14,
18,  and  21  Mhz CW and SSB.   Operators were  BV2AP,  BV4AS,
BV4OB, BV5AF, OH2BH. Bolon, BV5AF President  of CTARL  informs
that  the 2nd BV9P DXped team will be available on air  during
March 1994. (we all wish  for a longer stay and RTTY as well).

Send your bandpass and notes for next week to Bob, WB2CJL at
W5KSI.#NOLA.LA.USA.NA or ZS5S.ZAF.AF.

GL de (DX2) Luciano, I5FLN AT ZS5S.ZAF.AF

[via HF AMTOR]

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Coming events
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1994
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February	4th	ANARTS meeting
	12th-13th	EA WW RTTY Contest
March	19th-20th	BARTG WW RTTY Contest
April	16th-17th	SARTG WW AMTOR Contest

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD, or the Secretary (Pat) VK2JPA @ VK2RWI

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2RWI.

The Internet address for the Broadcast Officer is :

patl@extro.edu.su.oz.au [???]

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We know we reach New Zealand and many South Pacific islands, we are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes ANARTS NEWS792 16/01/94.

Inserted by VK2BQS Jim, Vice-President ANARTS.

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Dave Horsfall (VK2KFU) VK2KFU @ VK2OP.NSW.AUS.OC PGP 2.3
dave@esi.COM.AU ...munnari!esi.COM.AU!dave available